

(MODIFIED)

(Use several sheets if necessary)

(37 CFR 1.96(b))

002547/20118

~~09/598,218~~

Chien Ho, et al

FILING DATE

1653

**EXAMINER  
INITIAL**

**TAB**

PATENT NUMBER

ISSUE  
DATE

PATENTEE

**CLASS**

SUBCLASS

FILING DATE IF APPROPRIATE
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DOCUMENT NUMBER

PUBLICATION DATE
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COUNTRY OR  
PATENT  
OFFICE

**CLASS**

SUBCLASS

<b>TRANSLATION</b>	
YES	NO

YES		NO	
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5	6	7	8
9	10	11	12
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97	98	99	100

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

SYNOPSIS

DATE CONSIDERED

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SEP 09 2012  
SEP 09 2012  
EX-101  
TRADEMARK

[illegible][illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

KCC	3	Dickerson, R.E., et al. <u>Hemoglobin: Structure, Function, Evolution, and Pathology</u> , pp 22-24, Benjamin/Cummings, Menlo Park, CA (1983)	
	4	Mulder, A.G., et al., <u>J. Cell Comp. Physiol.</u> 5:383 (1934)	
	5	Bunn, H.F., et al. <u>J. Exp. Med.</u> 129:909 (1969)	
	6	Chada, K., et al., <u>Nature (London)</u> 314:377 (1985)	
	7	Townes, T. M., et al. <u>EMBO J.</u> 4:1715 (1985)	
	8	Swanson, M.F. et al. <u>BioTechnology</u> 10:557 (1992)	
	9	Groebe, D.R., et al., <u>Protein Expression and Purification</u> 3:134 (1992)	
	10	Wagenbach, M., et al. <u>BioTechnology</u> 9:57 (1991)	
	KCC	11	DeLiano, J.J., et al. <u>Proc. Natl. Acad. Sci. USA</u> 90:918 (1993)
	EXAMINER K. Carlson		DATE CONSIDERED 12-1-03

EXAMINER: Initial citation considered. D. 11/1/11

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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NO.

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~~09/508,218~~

**APPLICANT**

Chien Ho, et al.

FILING DATE

June 21, 2000

**GROUP**

## U.S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

18	Shaanan, B., et al. <u>J. Mol. Biol.</u> <u>171</u> : 31 (1983)
19	Schneider, R. G., et al. <u>Biochim. Biophys. Acta</u> <u>400</u> : 365 (1975)
20	Bonaventura, J., et al. <u>J. Biol. Chem.</u> <u>243</u> : 980 (1968)
21	Perutz, M.F. <u>Nature</u> <u>228</u> : 726 (1970)
22	Baldwin, J.M., et al. <u>J. Mol. Biol.</u> <u>129</u> : 175 (1979)
23	Baldwin, J.M., <u>J. Mol. Biol.</u> <u>136</u> : 103 (1980)
24	Fermi, G., et al. <u>J. Mol. Biol.</u> <u>175</u> : 159 (1984)

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137 CFR 9  
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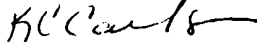
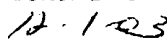
## U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

25	Moo-Penn, W.F., et al. <u>FEBS Lett.</u> <u>92:53</u> (1978)
26	O'Donnell, J.K., et al. <u>J. Biol. Chem.</u> <u>269:27692</u> (1994)
27	Baudin, V., et al. <u>Biochim. Biophys. Acta</u> <u>1159:223</u> (1992)
28	Isai, C.-H., et al. <u>Biochemistry</u> <u>38:8751</u> (1999)
29	Jeong, S.T., et al., <u>Biochemistry</u> <u>38:13433</u> (1999)
30	Kim, H.-W., et al. <u>Proc. Natl. Acad. Sci. USA</u> <u>91:11547</u> (1994)
<div style="display: flex; justify-content: space-between;"> <div> <b>EXAMINER</b>   </div> <div> <b>DATE CONSIDERED</b>   </div> </div>	



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**INFORMATION DISCLOSURE  
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09/598-218

**APPLICANT**  
Chien Ho, et al.

FILING DATE  
June 21, 2000

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## U.S. PATENT DOCUMENTS

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**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

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**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

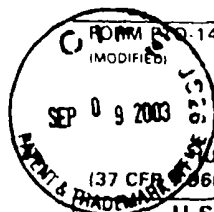
100	38	Fung, L.W.-M., et al. <u>Biochemistry</u> <b>14</b> :2526 (1975)
	39	Russu, I.M., et al. <u>Biochem. Biophys. Acta</u> <b>914</b> :40 (1987)
	40	Puius, T.A., et al. <u>Biochemistry</u> <b>37</b> : 9258 (1998)
	41	Shen, F.-J., et al. <u>Protein Eng.</u> <b>10</b> : 1085 (1997)
	42	Kunkel, T.M. et al., <u>Proc. Natl. Acad. Sci. USA</u> <b>82</b> :488 (1985)
100	43	Hayashi, A., et al. <u>Biochem. Biophys. Acta</u> <b>310</b> :309 (1973)

DATE CONSIDERED

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where  $\exp_{\lambda} = \exp_{\lambda}^{\text{class}}$  is the classical exponential function and  $\exp_{\lambda}^{\text{quant}}$  is the quantum exponential function. This latter function is a continuous deformation of the classical

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Chien Ho, et al.

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## U.S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

44	Antonini, E., <u>Physiol. Rev.</u> <u>45</u> : 123 (1965)
45	Plateau, P., et al. <u>J. Am. Chem. Soc.</u> <u>104</u> : 7310 (1982)
46	Wyman, J., <u>Adv. Protein Chem.</u> <u>4</u> : 407 (1948)
47	Wyman, J., <u>Adv. Protein Chem.</u> <u>19</u> : 233 (1964)
48	Dalvit, C., et al., <u>Biochemistry</u> <u>24</u> : 3398 (1985)
49	Levy et al., <u>Biochemistry</u> <u>29</u> : 9311 (1990)
50	Levy, et al., <u>Biophys. J.</u> <u>61</u> : 750 (1992)

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 002547/20118	SERIAL NO. 09/596,218
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Chien Ho, et al.	
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**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

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**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

<i>[Handwritten initials]</i>	57		La Mar, G.N., et al. <u>Biochem. Biophys. Res. Commun.</u> 96:1172 (1980)
<i>[Handwritten initials]</i>	58		Craescu, C.T., et al.. <u>Eur. J. Biochem</u> 181: 87 (1989)
<i>[Handwritten initials]</i>	59		R.M. Winslow, et al. Eds. <u>Blood Substitutes Physiological Basis of Efficacy</u> (Birkhauser, Boston, Mass.) pp 82-84 (1995)
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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